

Sheet 1 of 1Form PTO-1449
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INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)
Hiroshi ISONOFILING DATE
July 13, 2001GROUP
3683

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	5,123,717	6/23/1992	Willmann		
	4,678,243	7/7/1987	Leiber		
	5,487,593	1/30/1996	Potts et al.		
	5,632,531	5/27/1997	Batistic et al.		
	5,758,930	6/2/1998	Schiel et al.		
	4,653,815	3/31/1987	Agarwal et al.		
	5,090,262	2/25/1992	Klein		
	4,822,114	4/18/1989	Klein		

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
GB 2 174 161 A	10/29/1986	United Kingdom		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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EXAMINER

DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: December 22, 2003